

## Abstract of the Disclosure

A process and an apparatus for producing glass fibers by centrifugal force are provided. Molten glass is fed into a hollow cylinder of rotating member which rotates at high speed by means of a driving device and is heated. The molten glass is ejected to an outside of a peripheral wall by centrifugal force generated by high speed rotation of the rotating member through orifices, each of which has different diameter, and which are provided alternately in a circumferential direction of the peripheral wall. A primary stream of molten glass is ejected. The primary stream is introduced into flame flow ejecting from drawing burners located at outside of the peripheral wall to form secondary fibers. A compressed gas flow is ejected to a direction at an acute angle through an ejecting outlet of an ejecting nozzle to collide the compressed fluid with the secondary fibers to thereby produce glass fibers continuously.